

## Storm Data and Unusual Weather Phenomena - December 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, South</b>				
(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC				
	12/01/14 00:00 CST	0		Dense Fog
	12/01/14 08:00 CST	0		
Widespread dense fog blanketed southern Illinois during the early morning hours. Visibility was reduced to one-quarter mile or less. The dense fog formed along a stationary front that extended from the southern Plains northeast across the Lower Ohio Valley. Areas of rain contributed to the saturation of the air near ground level.				
(IL-Z075) JEFFERSON, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON				
	12/01/14 06:00 CST	0		Winter Weather
	12/01/14 14:00 CST	0		
North and west of Marion, some light sleet and ice accumulations produced hazardous driving conditions. Sleet and ice accumulations were less than one-quarter inch. In Williamson County, freezing rain produced up to one-tenth inch of ice on wooden decks and steps, but not on the ground. In northwest Jackson County, side roads were coated with a thin layer of sleet and ice. A strong cold front crossed southern Illinois prior to the onset of precipitation. As colder air arrived, light rain changed to sleet and freezing rain. A weak low pressure center tracked from western Arkansas east into Tennessee. Showers of sleet and freezing rain were persistent in the cold air well to the north of the low.				
<b>JEFFERSON COUNTY --- DIX [38.43, -88.93], BONNIE [38.20, -88.90]</b>				
	12/05/14 16:00 CST	0		Heavy Rain
	12/05/14 21:00 CST	0		Source: Trained Spotter
The storm-total rainfall at the co-operative observer site three miles northeast of Mount Vernon was 2.67 inches. This rain fell within 24 hours. Water was across several spots on Route 37.				
Heavy rain occurred on the north side of a stationary front that extended from the southern Plains northeast across the Lower Ohio Valley.				
<b>INDIANA, Southwest</b>				
(IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER				
	12/04/14 23:00 CST	0		Dense Fog
	12/05/14 08:00 CST	0		
Widespread dense fog blanketed southwest Indiana during the late night and early morning hours. Visibility was reduced to one-quarter mile or less. The dense fog formed along a stationary front that extended from the southern Plains northeast across the Lower Ohio Valley. Areas of rain contributed to the saturation of the air near ground level.				
<b>PIKE COUNTY --- PETERSBURG [38.50, -87.28], 0.9 NW PETERSBURG [38.51, -87.29], 2.0 NE PETERSBURG [38.52, -87.26], 3.7 NE PETERSBURG [38.54, -87.24], 4.5 NNE ALFORD [38.54, -87.21]</b>				
	12/07/14 06:00 EST	3K		Flood (due to Heavy Rain)
	12/12/14 03:00 EST	0		Source: River/Stream Gage
Minor flooding occurred along the White River near Petersburg. Lowland flooding affected a number of rural county roads. East of State Route 57, affected roads included County Roads 750N, 600N, and 1000E. West of State Route 57, County Roads 250W, 400W, 675N, 700 N, 1000W, 900W, 700W, and 775W were affected. Flooding affected low agricultural lands and low oil fields. Four floods in the past two years were significantly worse than this flood.				
<b>GIBSON COUNTY --- 1.0 NW HAZLETON [38.49, -87.54], 1.4 N HAZLETON [38.50, -87.53], 1.8 NE HAZLETON [38.50, -87.51], 1.0 NNE HAZLETON [38.49, -87.52]</b>				
	12/07/14 21:00 CST	2K		Flood (due to Heavy Rain)
	12/13/14 02:00 CST	0		Source: River/Stream Gage
Minor flooding occurred along the White River near Hazleton. Floodwaters covered low ground, inundating low-lying oil fields. A couple of low rural roads were flooded. A community of river cabins was isolated. Four floods in the past two years were significantly worse than this flood.				

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The largest rain event of the month occurred on the 5th and 6th. Rainfall of one to three inches in central and southern Indiana caused lowland flooding along portions of the White River in southern Indiana. The heavy rain occurred on the north side of a stationary front that extended from the southern Plains northeast across the Lower Ohio Valley.

### KENTUCKY, Southwest

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCracken, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN, (KY-Z021) MUHLENBERG, (KY-Z022) TODD

12/05/14 01:00 CST	0	Dense Fog
12/05/14 09:00 CST	0	

Widespread dense fog blanketed western Kentucky during the early morning hours. Visibility was reduced to one-quarter mile or less.

The dense fog formed along a stationary front that extended from the southern Plains northeast across the Lower Ohio Valley. Areas of rain contributed to the saturation of the air near ground level.

### MISSOURI, Southeast

(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER

12/01/14 06:00 CST	0	Winter Weather
12/01/14 14:00 CST	0	

North and west of Cape Girardeau, some light sleet and ice accumulations produced hazardous driving conditions. Sleet and ice amounts were generally less than one-quarter inch. Near Ellsinore in Carter County, sleet and freezing rain caused roads to become slushy, resulting in a small number of accidents. Slushy roads were also reported near Jackson in Cape Girardeau County. Interstate 55 was slick and hazardous from Jackson northward across Perry County. Accidents occurred on Interstate 55 from exit 110 in northern Cape Girardeau County northward. A strong cold front crossed southeast Missouri prior to the onset of precipitation. As colder air arrived, light rain changed to sleet and freezing rain. A weak low pressure center tracked from western Arkansas east into Tennessee. Showers of sleet and freezing rain were persistent in the cold air well to the north of the low.

(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID

12/05/14 02:00 CST	0	Dense Fog
12/05/14 10:00 CST	0	

Widespread dense fog blanketed southeast Missouri during the early and mid-morning hours. Visibility was reduced to one-quarter mile or less. The dense fog formed along a stationary front that extended from the southern Plains northeast across the Lower Ohio Valley. Areas of rain contributed to the saturation of the air near ground level.